

# Comparisons of Job Characteristics

**Focus Occupation:** [General and Operations Managers \(11-1021\)](#)

**Associated Occupation:** [Architectural and Engineering Managers \(11-9041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 48

**Focus Occupation:** General and Operations Managers (11-1021)  
**Associated Occupation:** Architectural and Engineering Managers (11-9041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Engineering and Technology	5.7	23.2	6.6	<<	Extensive education and/or training may be required
Design	5.2	19.0	9.0	<<	Extensive education and/or training may be required
Mathematics	9.2	17.4	13.2	<<	Extensive education and/or training may be required
Computers and Electronics	8.4	16.9	12.1	<<	Extensive education and/or training may be required
Administration and Management	8.4	14.4	17.3	>	Current knowledge level is likely sufficient
Physics	4.3	13.0	3.7	<<	Extensive education and/or training may be required
Building and Construction	4.0	10.7	8.3	<	Expanded education and/or training may be required
Production and Processing	6.0	10.7	9.7	<	Expanded education and/or training may be required
Personnel and Human Resources	5.6	10.4	15.2	>>	Current knowledge level is likely more than sufficient
Economics and Accounting	4.4	8.1	13.0	>>	Current knowledge level is likely more than sufficient
Telecommunications	3.9	7.4	4.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation:** General and Operations Managers (11-1021)  
**Associated Occupation:** Architectural and Engineering Managers (11-9041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operations Analysis	5.0	13.9	10.1	<<	Extensive development of skills in this area may be required
Coordination	9.1	13.3	12.3	0	Current skill level may be sufficient
Complex Problem Solving	9.1	13.0	10.8	<	A higher skill level may be required
Time Management	8.9	12.8	10.8	<	A higher skill level may be required
Management of Personnel Resources	6.9	12.2	10.7	<	A higher skill level may be required
Mathematics	6.2	11.7	5.6	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	10.7	9.4	<	A higher skill level may be required
Systems Evaluation	6.4	10.7	9.2	<	A higher skill level may be required
Negotiation	6.8	10.2	10.8	0	Current skill level may be sufficient
Management of Financial Resources	3.3	9.7	8.1	<	A higher skill level may be required
Management of Material Resources	3.7	9.2	9.2	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 92

**Focus Occupation: General and Operations Managers (11-1021)**  
**Associated Occupation: Architectural and Engineering Managers (11-9041)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Written Comprehension	11.0	15.2	13.2	<	Some improvement in abilities may be required
Oral Comprehension	12.5	15.0	13.9	0	Current ability level may be sufficient
Deductive Reasoning	10.6	13.9	11.8	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	13.9	13.2	0	Current ability level may be sufficient
Written Expression	9.8	13.8	13.2	0	Current ability level may be sufficient
Mathematical Reasoning	6.3	13.3	7.7	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	12.0	10.8	<	Some improvement in abilities may be required
Category Flexibility	9.0	11.4	8.6	<<	Extensive improvement in abilities may be required
Number Facility	6.3	11.2	6.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 75

**Focus Occupation: General and Operations Managers (11-1021)**  
**Associated Occupation: Architectural and Engineering Managers (11-9041)**

Work Activities	Exclusivity of Activity
Analyze operational or management reports or records	62
Assign work to staff or employees	30
Conduct or attend staff meetings	47
Develop budgets	56
Develop management control systems	82
Develop policies, procedures, methods, or standards	21
Develop staffing plan	77
Direct and coordinate activities of workers or staff	3
Evaluate performance of employees or contract personnel	54
Explain rules, policies or regulations	48
Oversee execution of organizational or program policies	49
Provide customer service	14
Use negotiation techniques	67

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 76

**Focus Occupation: General and Operations Managers (11-1021)**  
**Associated Occupation: Architectural and Engineering Managers (11-9041)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.